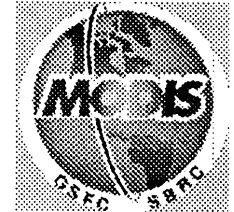# *Action Items*
(Linda: Track Oceans ESDT Issue)

- **Current** Status
  - Miami and ECS agreed on the "short list" of ESDTs
  - ECS registered the ESDTs
  - ECS provided **MCFs** to SDST
    - 5/10/99   *8* MCFs   Oceans L2
    - 5/17/99   *8* MCFs   Oceans L2 (update of 5/10/99)
    - 5/17/99   11 MCFs   Oceans L3
    - 5/26/99   *450* MCFs   Includes Oceans
    - 6/04/99   *180* MCFs   Oceans

 - Now SDST is integrating the new **MCFs** and testing

- Current Issues
  - Although each organization is happy with the "short list," the lists do not seem to match with each other.
    - List of **MCFs** from ECS
    - List of **MCFs** delivered with code from Miami **(5/9/99)**
    - **ESDTs** listed in the PGE **Perl** Scripts
    - List from a MODAPS database dump
    - Tables in the System Description Document

  - Now SDST compiling a mapping table
    - "short list" of archivables
    - "long list" for MODAPS
    - "intermediate list" what the ECS baseline should be
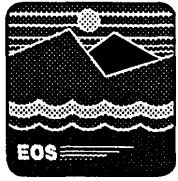
SSTG Plans

Mike Linda

MODIS PI Processing Meeting

June **9, 1999**

mlinda@ltpmail.gsfc.nasa.gov
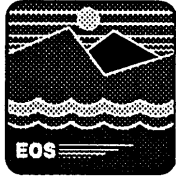
SSTG Current Drivers

- "**New** Format" **L1B** Readers (done--residual issues continue)
- Production Rules (MODAPS scripts and loaders)
- Debugging **PGEs** (SSTG tests, I&T tests, ad-hoc tests)
  - L2, **L2G,** some L3 to run for MOSS-2 Test
  - several products to insert at the **DAACs**
- Integration of **PGEs** into MODAPS
- New **PGEs,** Backlogged **PGEs**

- PGEs running or ready (MODAPS, GDAAC):

  24 = 1, 2, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 19, 20, 21, 25, 29, 49, 53, 56, 69

- PGEs needing minor work:

  7 = 5, 16, 22, 33, 50, 54, 57

- PGEs needing major work (mostly backlog):

  11 = 18, 23, 31, 34, 35, 43, 44, 46, 55, 60, 70

- PGEs that are received, for post-launch:

  7 = 26, 36, 37, 38, 40, 41, 66

Plan: Oceans

	SSTG Start	SSTG Finish	Notes
PGE09	5/6/99	6/3/99	Done, follow-up needed.
PGE10	5/6/99	6/3/99	Done, follow-up needed.
PGE17	4/27/99	5/21/99	Done
PGE18	5/9/99	TBD	Reynolds SST, needs full SSTG process.
PGE19	n/a	(done)	Done
PGE20	5/24/99	5/26/99	Done, follow-up needed.
PGE49	4/23/99	6/4/99	Done, follow-up needed.
PGE50	4/23/99	6/4/99	mfill patch (5/17/99) needs to be integrated
PGE51	n/a	(post-launch)	PGE51 and 52: needs MODAPS integration support, will add 13 new ESDTs.
PGE52	n/a	(post-launch)	
PGE53	4/23/99	6/4/99	Done, follow-up needed.
PGE54	5/24/99	6/9/99	Done, follow-up needed.
PGE72	TBD	TBD	Monthly, needs full SSTG process, code not received yet.
PGE73	TBD	TBD	Yearly, needs full SSTG process, code not received yet.

Plan: Oceans
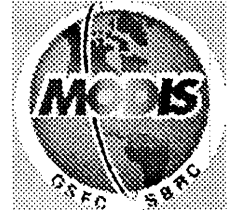
- Debug failures in MODAPS
- Perform SSTG follow-up on **PGEs 9, 10, 20, 49, 50, 53, 54**
- Integrate new **MCFs** and test
- Integrate mfill patch **(5/17/99)** into **PGE50**
- Sort out ESDTs, create mapping list
- Integrate **PGE18**
- Modify **PGEs** to use output of **PGE18**
- Receive and integrate Monthly and Yearly **PGEs** (72 and 73)
- Add 13 new ESDTs to **PGEs** 51 and 52

PGE03	Metadata, ancillary inputs optional, science changes	5/27/99	done
PGE04	Aerosol, Water Vapor MCFs	6/4/99	done
PGE05	Metadata updates	6/11/99	planned
PGE06	L1B reader	5/18/99	done
	replace DAO with NCEP inputs	5/18/99	done
	Metadata, MCFs, science changes, bugs	6/9/99	planned
	add CSR support	7/99	planned
	convert to a 4-part PGE	8/99	planned
	add NISE data inputs	TBD	planned
PGE55	Design the PGE, develop it	7/30/99	planned
PGE56	Metadata updates	6/11/99	planned
PGE57	PGE Perl script, integrate into MODAPS	6/18/99	planned
PGE69	MCFs, bugs	6/8/99	done
PGE70	SSTG process	6/25/99	planned
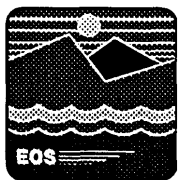
Plan: Land

**Notes: (1), (2), . . . (5) inidicates current top priorities in the given order**

MOD_PRSS[4]	Integrate subsetter into PGEs 21, 22, 25	**TBD**	**planned**
	Integrate subsetter into rest of L3	**TBD**	**planned**
	Integrate subsetter into L2G	**TBD**	**planned**
PR02CRS[2]	Integrate L1B Coarse Product into PGE11[2]	**TBD**	**in progress**
	Integrate L1B Coarse Product into PGE22 (?)	**TBD**	**planned**
	Integrate L1B Coarse Product into PGE25 (?)	**TBD**	**planned**
PGE07	L1B reader, QA logic patch	**5/24/99**	**done**
PGE08	L1B reader	**6/1/99**	**done**
	patch for night mode problem baselined	**6/7/99**	**done**
	now ready for Engr. Test		

Plan: Land

PGE11	**L1B reader**	**5/20/99**	**done**
	QA code failing (may be env. problems)	**TBD**	**debugging**
	Testing Coarse Product (going well)	**TBD**	**in progress**
	Formal walkthrough needed	**6/15/99**	**planned**
PGE12	**New Perl scripts for full MODAPS integration**	**TBD**	**planned**
PGE13			
PGE14			
PGE15			
PGE16	**L1B reader**	**5/20/99**	**done**
	Runtime params., QA file production time, etc.	**6/15/99**	**planned**
	Perl library does not support production rules	**6/15/99**	**planned**
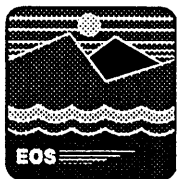
Plan: Land
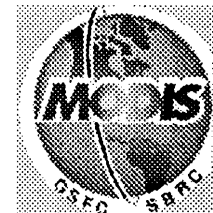
PGE2 1[1]	New Perl scripts for full MODAPS integration	6/8/99	done
PGE22	Walkthrough .	6/10/99	planned
PGE23[3]	Needs to go through the full SSTG process	TBD	planned
PGE25	Ready for Engr. Test	5/24/99	done
PGE29[1]	New Perl scripts for full MODAPS integration	6/8/99	done
PGE33	TileID (may need to return to developer)	TBD	debugging
PGE34[5]	Needs to go through the full SSTG process	TBD	planned
PGE35	Needs to go through the full SSTG process	TBD	planned
PGE45	Ready for Engr. Test	4/21/99	planned
	Cosmetic change in number of parameters	TBD	planned

Current Issues
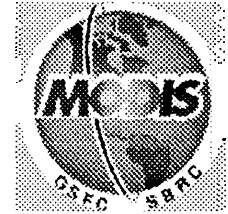
- Atmosphere
  - Actively deflecting requests for science changes
  - Working out kinks in the revised CM and Integration processes
 - Production rules are in place, but need to be reviewed

Current Issues

- Land
  - Urgent emergencies interrupt progress
    - Several **Perl** scripts had to be re-written fast
    - Setting up environments to debug MODAPS is awkward
  - MODAPS environment unstable and buggy
  - Coarse Product integration
    - Wrong approach initially taken for parameter passing (fixed **6/4/99**)
    - Incorrect metadata (fixed **6/4/99**)
  - Backlog of **PGEs** is growing
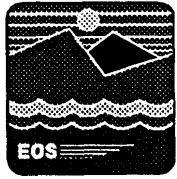
Current Issues
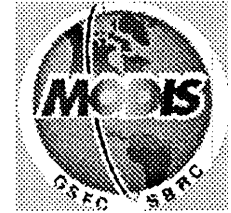
- Oceans
  - Working out kinks in the revised CM and Integration processes
  - Resolving lingering ESDT questions
  - Integration into MODAPS
    - Environment unstable
    - Staging of ancillary data has kinks